

ABSTRACT OF THE DISCLOSURE

The present invention relates to an improved high-performance permeable concrete obtained by spreading and compacting a mixture which comprises 1,500-1,850 kg/m² of aggregates; 320-400 kg/m² of Portland cement; 28-35% of the cement (90-140 kg/m²) of water; 2-5% of the cement (6-20 kg/m²) of a pigment; and 3-10% of the cement (10-40 kg/m²) of charcoal dust, 7-15% of the cement (22-60 kg/m²) being substituted for particulates of blast furnace slag, and having the compressive strength of 120-300 kgf/cm² and the permeability coefficient of 2×10^{-2} cm/sec or more. The permeable concrete according to the present invention is environmental friendly and has excellent strength and permeability.